

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

1727 30th Street MS-43

P.O. BOX 168041

SACRAMENTO, CA 95816-8041

FAX (916) 227-6214

www.dot.ca.gov/hq/esc/oe



*Serious Drought.
Help save water!*

October 13, 2016

04-Nap-121-9.2/9.4

04-2A3204

Project ID 0400000817

ACNH-P121(028)E

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN NAPA COUNTY IN NAPA AT SILVERADO TRAIL ROAD to revise the project plans, the *Notice to Bidders and Special Provisions*, the *Bid* book, and the *Information Handout*.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on Tuesday, October 25, 2016.

Project plan sheets 9, 22, 23, 24, 26, 37, 52 and 53 are replaced and attached for substitution for the like-numbered sheets.

Project plan sheet 95A is added and attached for addition to the project plans.

In the *Notice to Bidders and Special Provisions*, in the "STANDARD PLANS LIST," the following Standard Plans are added as follows:

"RSP A77L1, B14-3, RSP ES-1B, RSP ES-9A."

In the Special Provisions, Section 1-1.01, is replaced as attached.

In the Special Provisions, Section, 2-1.06B is replaced as attached.

In the Special Provisions, Section 20-4, is added as attached.

In the Special Provisions, Section 59-11.02, the third paragraph is replaced as follows:

"The quoted price is good until September 1, 2017."

In the Special Provisions, Section 72-12, is replaced as attached.

In the Special Provisions, Section 72-13, is replaced as attached.

In the Special Provisions, Section 86-2.01C(3)a is replaced as attached.

*"Provide a safe, sustainable, integrated and efficient transportation system
to enhance California's economy and livability"*

Addendum No. 1
Page 2
October 13, 2016

04-Nap-121-9.2/9.4
04-2A3204
Project ID 0400000817
ACNH-P121(028)E

The *Information Handout* is replaced as attached.

In the *Bid* book, in the "Bid Item List," Items 14, 17, 51, 56, 58, 113 are replaced.

In the *Bid* book, in the "Bid Item List," Items 133, 134 are added.

In the *Bid* book, in the "Bid Item List," Items 108, 109, 132 are deleted.

To *Bid* book holders:

Inquiries or questions in regard to this addendum must be communicated as a bidder inquiry and must be made as noted in the *Notice to Bidders* section of the *Notice to Bidders and Special Provisions*.

Submit the *Bid* book as described in the *Electronic Bidding Guide* at the Bidders' Exchange website.

http://www.dot.ca.gov/hq/esc/oe/electronic_bidding/electronic_bidding.html

Inform subcontractors and suppliers as necessary.

This addendum, EBS addendum file and attachments are available for the Contractors' download on the Web site:

http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/04/04-2A3204

If you are not a *Bid* book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,


FOR **BIJAN SARTIPI**
District Director

Attachments

Add to section 1-1.01:

Bid Items and Applicable Sections

Item code	Item description	Applicable section
031743	TEMPORARY TIMBER CONSTRUCTION MAT	10
031745	TEMPORARY CREEK DIVERSION SYSTEM	13
031744	GEOMEMBRANE LINER	13
031746	NATIVE CREEK BED MATERIAL	10
045404	STRUCTURE BACKFILL (CLASS 3 AGGREGATE BASE)	19
031747	IMPORTED BIOFILTRATION SOIL	21
045405	PRESTRESSING (TRANSVERSE TIE ROD)	50
045406	FURNISH PRECAST CONCRETE END DIAPHRAGM	51
045407	ERECT PRECAST CONCRETE END DIAPHRAGM	51
031748	NATINA TREATMENT (TUBULAR BICYCLE RAILING)	59
031749	NATINA TREATMENT (MIDWEST GUARDRAIL SYSTEM)	59
031751	ENGINEERED STREAMBED MATERIAL	72
031752	ROCK WEIR (1/4 TON ,METHOD A)	72
031753	ROCK WEIR (1/2 TON ,METHOD A)	72
031750	ROCK SLOPE PROTECTION LIGHT (METHOD A)	72
031754	LOG SPUR WITH ROOTWAD	78
045408	TUBULAR BICYCLE RAILING	83

CONTRACT NO. 04-2A3204

REPLACED PER ADDENDUM NO. 1 DATED OCTOBER 13, 2016

Add between the 1st and 2nd paragraphs of section 2-1.06B:

The Department makes the following supplemental project information available:

Supplemental Project Information

Means	Description
Included in the <i>Information Handout</i>	<ol style="list-style-type: none">1. Revised Foundation Report for Sarco Bridge Replacement; dated January 20, 20162. Final Hydraulic Report, Sarco Creek Bridge, dated July 1, 20123. Water Quality information Handout.4. US Army Corps of Engineers5. US Army Corps of Engineers, amendment6. SFBR Water Quality Control Board7. CA Dept of Fish and wildlife8. CA Dept of Fish and wildlife ,amendment9. X LITE Flared End terminal
Available as specified in the <i>Standard Specifications</i>	Bridge as-built drawings Cross Sections
Included with the project plans	Logs of test borings

CONTRACT NO. 04-2A3204

REPLACED PER ADDENDUM NO. 1 DATED OCTOBER 13, 2016

**20 LANDSCAPE
20-4 PLANT ESTABLISHMENT WORK**

Add to the end of section 20-4.01A of the RSS for section 20:

This project has a Type 2 plant establishment period.

Add to the end of section 20-4.03C of the RSS for section 20:

Apply organic fertilizer to the plants during the 1st week of November and April of each year.

CONTRACT NO. 04-2A3204

ADDED PER ADDENDUM NO. 1 DATED OCTOBER 13, 2016

59-11.02 MATERIALS

The stain must be Natina Steel from Natina Products, LLC.

1. The quoted price for materials and application for the stain is \$24 for tubular bicycle railing and \$12 for Midwest Guardrail System per linear foot of galvanized surfaces to be stained, and includes sales tax and delivery of the stained materials to the job site.

You may obtain the stain from:

Natina Products, LLC
PO Box 4563
Palm Desert, CA 92261
(877) 762-8462

CONTRACT NO. 04-2A3204

REPLACED PER ADDENDUM NO. 1 DATED OCTOBER 13, 2016

**Replace section 72-12 with:
72-12 ROCK WEIR**

72-12.01 GENERAL

Section 72-12 includes specifications for excavating native creek bed material, and furnishing and placing rock and void filler for rock weir as shown.

72-12.02 MATERIALS

72-12.02A Rock

Rocks for rock weir must:

1. Be 1/4 T, 1/2 T, RSP Light as shown or as authorized. Rock classes must comply with section 72-2.

Rounded and angular rocks may be used.

72-12.02B Void Filler

Void filler is composed of coarse and fine aggregates which must comply with the grading shown in the following table:

Sieve sizes	Percentage passing
3"	95-100
2"	85-98
1-1/2"	51-90
1"	27-60
3/4"	18-45
1/2"	5-25
3/8"	2-18
No. 4	0-6
No. 200	0-1

72-12.02C Plastic Liner

Plastic liner for protecting the existing sewer encasement must be:

1. New polyethylene sheeting
2. Single ply
3. A minimum of 0.1-inch thick
4. Free of holes, punctures, tears or other defects that compromises the impermeability of the material

All joints between the edges must be lapped or joined with commercial quality waterproof tape.

72-12.03 CONSTRUCTION

72-12.03A General

Excavate native creek bed material as shown. Placement of native creek bed material must comply with section 19-11.

CONTRACT NO. 04-2A3204

REPLACED PER ADDENDUM NO. 1 DATED OCTOBER 13, 2016

72-12.03B Placement Method A

Do not place rocks by dumping. Place foundation course rocks so that they are in contact with the excavated surface. For rocks above the foundation course, place them so that each rock has a 3-point bearing on underlying rocks; do not bear them on smaller rocks which may be used for filling the voids. 3-point bearing is defined as touching 3 separate rocks in the layer beneath the rock being placed. Rocks placed will fit snugly and not wobble when minor pressure is applied.

72-12.03C Void Filler

Before jetting, submit and receive authorization of a plan to place rock void filler.

Make arrangements for a water supply source under the PLACs. Water must be from a potable, non-chlorinated water source.

Appropriate best management practices (BMPs) must be installed before jetting activities to ensure no turbid water is allowed to escape the construction area. BMPs must comply with section 13. BMPs must include a lined desilting basin controlled by watertight berms downstream of construction area and a pump.

Void filler must be placed in and around rock weir and jetted to fill the voids.

Jetting pressure must be between 100 psi to 225 psi and must start at the upstream end of the rock weir.

After each layer of rocks has been placed, jet void filler between voids before placement of next layer.

The pipe jet must be sent to the bottom of the layer and raised slowly to thoroughly saturate the material and cause it to slump to its maximum compaction.

Repeat steps as needed to fill in the voids at each layer until the finished proposed grade has been constructed.

Water collected may be pumped and reused in the jetting activity.

After rock weir has been fully constructed and voids filled to the extent practicable, dispose of water collected under PLACs.

72-12.04 PAYMENT

Payment for plastic liner, RSP light (method A), void Filler, and RSP fabric (class 10) is included in the payment for rock weir (1/4 ton, method A) and rock weir (1/2 ton, method A).

CONTRACT NO. 04-2A3204

REPLACED PER ADDENDUM NO. 1 DATED OCTOBER 13, 2016

Replace section 72-13 with:
72-13 ENGINEERED STREAMBED MATERIAL

72-13.01 GENERAL

Section 72-13 includes specifications for furnishing, placing, and compacting engineered streambed material as shown.

72-13.02 MATERIALS

Within pool area, engineered streambed material consists of a mixture of 50% percent native creek bed material, and 50% percent class 1 permeable material as shown or as authorized.

Within roughened ramp area, engineered streambed material must comply with section 72-2, except that engineering streambed material must comply with the grading shown in the following table:

Rock size	Percentage larger than
40 lb	0
2.5 lb	10-20
6 in	40-60
0.5 in	80-90
0.1 in	90-95

Native creek bed material must comply with section 19-11.

Class 1 permeable material must comply with section 68-2.02F.

72-13.03 CONSTRUCTION

Place engineered streambed material in lifts. Begin each lift by individually placing the largest rocks in the lift. Place the remaining material into the channel at a thickness equal to 1 lift (maximum 6 inches in thickness) for pool area and 18 inches in thickness for roughened ramp area. Mix in-place as necessary until the mixture is well-graded.

Compact each lift by rodding and tamping, followed by jetting or flooding so fine material is worked into the lift. Engineered streambed material must be sealed adequately so water does not rapidly infiltrate.

Add additional fine material to the top of the lift and then jet or flood the material into the bed. Repeat until water pools on the surface.

During final flooding of the top lift, an adequately sealed bed will maintain water flowing down-slope across the surface of the roughened channel.

72-13.04 PAYMENT

Not Used

CONTRACT NO. 04-2A3204

REPLACED PER ADDENDUM NO. 1 DATED OCTOBER 13, 2016

Replace the 3rd paragraph of section 86-2.01C(3)(a) with:

Install a pull box on a bed of crushed rock.

Modifying a lighting system includes removing, adjusting, or adding:

1. Pull boxes
2. Conduit

CONTRACT NO. 04-2A3204

REPLACED PER ADDENDUM NO. 1 DATED OCTOBER 13, 2016

BID ITEM LIST
04-2A3204

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
1	070030	LEAD COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	
2	090100	TIME-RELATED OVERHEAD (WDAY)	WDAY	125		
3	031743	TEMPORARY TIMBER CONSTRUCTION MAT	LS	LUMP SUM	LUMP SUM	
4	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
5	128652	PORTABLE CHANGEABLE MESSAGE SIGN (LS)	LS	LUMP SUM	LUMP SUM	
6	130100	JOB SITE MANAGEMENT	LS	LUMP SUM	LUMP SUM	
7	130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	LUMP SUM	LUMP SUM	
8	130310	RAIN EVENT ACTION PLAN	EA	92	500.00	46,000.00
9	130320	STORM WATER SAMPLING AND ANALYSIS DAY	EA	53		
10	130330	STORM WATER ANNUAL REPORT	EA	2	2,000.00	4,000.00
11	130530	TEMPORARY HYDRAULIC MULCH (BONDED FIBER MATRIX)	SQYD	690		
12	130570	TEMPORARY COVER	SQYD	160		
13	130610	TEMPORARY CHECK DAM	LF	300		
14	130620	TEMPORARY DRAINAGE INLET PROTECTION	EA	8		
15	130640	TEMPORARY FIBER ROLL	LF	510		
16	130680	TEMPORARY SILT FENCE	LF	490		
17	130710	TEMPORARY CONSTRUCTION ENTRANCE	EA	4		
18	130720	TEMPORARY CONSTRUCTION ROADWAY	SQYD	150		
19	130730	STREET SWEEPING	LS	LUMP SUM	LUMP SUM	
20	130800	TEMPORARY ACTIVE TREATMENT SYSTEM	LS	LUMP SUM	LUMP SUM	

BID ITEM LIST
04-2A3204

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	152387	RELOCATE ROADSIDE SIGN-TWO POST	EA	1		
42	152441	ADJUST VALVE BOX FRAME AND COVER TO GRADE	EA	3		
43	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	850		
44	153225	PREPARE CONCRETE BRIDGE DECK SURFACE	SQFT	1,907		
45	153227	FURNISH POLYESTER CONCRETE OVERLAY	CF	486		
46(F)	153228	PLACE POLYESTER CONCRETE OVERLAY	SQFT	1,907		
47	157550	BRIDGE REMOVAL	LS	LUMP SUM	LUMP SUM	
48	160102	CLEARING AND GRUBBING (LS)	LS	LUMP SUM	LUMP SUM	
49	190101	ROADWAY EXCAVATION	CY	1,240		
50	190105	ROADWAY EXCAVATION (TYPE Z-2) (AERIALY DEPOSITED LEAD)	CY	200		
51	031746	NATIVE CREEK BED MATERIAL	CY	15		
52(F)	192003	STRUCTURE EXCAVATION (BRIDGE)	CY	330		
53(F)	192008	STRUCTURE EXCAVATION (TYPE A)	CY	1,044		
54(F)	193001	STRUCTURE BACKFILL	CY	273		
55(F)	193003	STRUCTURE BACKFILL (BRIDGE)	CY	929		
56(F)	045404	STRUCTURE BACKFILL (CLASS 3 AGGREGATE BASE)	CY	140		
57	194001	DITCH EXCAVATION	CY	87		
58	198010	IMPORTED BORROW (CY)	CY	390		
59	198209	SUBGRADE ENHANCEMENT GEOTEXTILE, CLASS B2	SQYD	300		
60	198250	GEOSYNTHETIC REINFORCEMENT	SQYD	5,000		

BID ITEM LIST
04-2A3204

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
101(F)	520102	BAR REINFORCING STEEL (BRIDGE)	LB	46,589		
102	031748	NATINA TREATMENT (TUBULAR BICYCLE RAILING)	LF	210		
103	031749	NATINA TREATMENT (MIDWEST GUARDRAIL SYSTEM)	LF	130		
104	597601	PREPARE AND STAIN CONCRETE	SQFT	1,454		
105	620100	18" ALTERNATIVE PIPE CULVERT	LF	320		
106	665016	18" CORRUGATED STEEL PIPE (.064" THICK)	LF	86		
107	680902	6" PERFORATED PLASTIC PIPE UNDERDRAIN	LF	80		
108	BLANK					
109	BLANK					
110(F)	682049	CLASS 3 PERMEABLE MATERIAL (BLANKET)	CY	20		
111(F)	721015	ROCK SLOPE PROTECTION (LIGHT, METHOD B) (CY)	CY	2.8		
112	721019	ROCK SLOPE PROTECTION (NO. 3, METHOD B) (CY)	CY	68		
113(F)	031750	ROCK SLOPE PROTECTION LIGHT (METHOD A)	CY	228		
114	031751	ENGINEERED STREAMBED MATERIAL	LS	LUMP SUM	LUMP SUM	
115	031752	ROCK WEIR (1/4 TON, METHOD A)	CY	62		
116	031753	ROCK WEIR (1/2 TON, METHOD A)	CY	1		
117	729011	ROCK SLOPE PROTECTION FABRIC (CLASS 8)	SQYD	400		
118(F)	750001	MISCELLANEOUS IRON AND STEEL	LB	1,960		
119	031754	LOG SPUR WITH ROOTWAD	LS	LUMP SUM	LUMP SUM	
120	800103	TEMPORARY FENCE (TYPE CL-6)	LF	49		

BID ITEM LIST
04-2A3204

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
121	820134	OBJECT MARKER (TYPE P)	EA	2		
122	832005	MIDWEST GUARDRAIL SYSTEM	LF	150		
123	832070	VEGETATION CONTROL (MINOR CONCRETE)	SQYD	65		
124(F)	045408	TUBULAR BICYCLE RAILING	LF	207		
125	839543	TRANSITION RAILING (TYPE WB-31)	EA	2		
126	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	2		
127(F)	839727	CONCRETE BARRIER (TYPE 736 MODIFIED)	LF	207		
128	840501	THERMOPLASTIC TRAFFIC STRIPE	LF	3,020		
129	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	84		
130	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	67		
131	870200	LIGHTING SYSTEM	LS	LUMP SUM	LUMP SUM	
132	BLANK					
133	141120	TREATED WOOD WASTE	LB	3,330		
134	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID:

\$
